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# American **TURKEY JOURNAL**



The eyes of turkey growers throughout the world will be turned next month to Cleveland where the World's Poultry Congress convenes July 28th. Every turkey grower who can should exhibit at this great poultry exposition, and attend if possible. It will be the largest and most important poultry gathering in the United States in many years.

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## WORLD POULTRY CONGRESS

JULY 28—AUGUST 7, CLEVELAND, OHIO

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# JUNE AND JULY POULTS

## At Reduced Prices

If you want your fine Bronze and Black Poults **quickly**—write or wire us! We're taking off from 5,000 to 6,000 **every day** so you can depend on your orders being filled promptly and efficiently.

Remember — prices on these healthy, pure bred birds will be substantially reduced for June and July delivery.



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# EDITORIAL

## THE NEW TURKEY STANDARD

This topic, more correctly stated, would be: the reprint of the old Standard. Turkey breeders who have secured one of the new Standard of Perfections have surely been greatly disappointed, if they were at all informed regarding the changes which were voted on and adopted at New York at the 1937 annual A. P. A. meeting and at the 1938 meeting held at St. Paul last July. Probably the greatest disappointment of all is in the omission of the revised scale of points, with the recopy of the same scale as appeared in the 1930 Standard, used instead.

The new scale of points was considered the most important phase of turkey Standard revision, and was the most discussed of any phase of the subject at the St. Paul meeting, and passed without a dissenting vote by any turkey raiser present. It is hard to understand how this could have been an oversight, and yet there can be no other conclusion without implying serious accusations against the Revision Committee and particularly against the editor of the new Standard, Mr. Paul Ives.

And even if it be treated as an oversight, it inevitably implies gross carelessness in handling the records relative to the provisions duly voted by breeders, officers and members of the turkey clubs who came long distances, on their own expense, to vote their wishes. They approved the resolutions which carried the important Standard changes desired, including the revised scale of points.

The old Standard has been considered woefully lacking in color description of two of the six breeds, namely Narragansetts and Blacks, and for the former very important changes had been submitted by the International Narragansett Turkey Club and were favorably acted on by both the Revision Committee and by the Convention at New York, according to printed reports and a personal report by the late Judge Smiley to the annual Narragansett Club meeting at Grand Forks, January, 1938.

The resolution adopted at St. Paul included further minor changes in color description for this breed also, yet the new Standard contains NOT ONE WORD of variation from the color description in the 1930 Standard. How can this be reasonably explained?

With reference to the Black turkey standard, it has long been conceded that the wording of the color description did not fit the breed and we were advised by Judge Smiley that entire new wording had been provided for the Blacks, but it does not appear. The action at the St. Paul meeting voted important color description changes for Bourbon Red males, but this has also been left out of the new Standard. A lot of work had been done by Mr. Smiley and Bourbon breeders in getting these changes arranged.

Most of the general shape changes recommended by the Committee of the Narragansett Club, submitted before the New York meeting, were included in the new Standard and are improvements on the old, but it requires the new scale of points to make their application most effective. A careful comparison of the new Standard with the old shows only the following color changes: Bronze, disqualifies females that do not have black bands and white edging on back; leaves out color description of greater tail coverts. No other changes.

Narragansetts: not a single word changed from the old Standard. White Hollands: adds eye color, "dark brown," which was omitted in old Standard. Blacks: adds eye color. No other word changed. Slates: In plumage description have added: "sometimes dotted with black but the fewer the dots the better."

Bourbon Reds: have added "crooked breast bone" to disqualifications, and in tail added "coverts deep brownish red." It will have to be admitted that on this basis an immense amount of effort was made by turkey raisers to secure these insignificant results, but it is our opinion that turkey folks are not going to lay down at this stage. In fact, a letter from Mr. George Robertson, Chairman of the Revision Committee, is reassuring. While he could not, at that time, make a definite statement as to the how and why for the omissions, he assured us that he is taking the matter in hand and that the authorized corrections will be made at the earliest possible date, and Robertson is a man of his word.

So far as getting aid from the Standard of Perfection is concerned, turkey breeders might just as well stick to the 1930 edition until the corrections are made.

# Standard Breeder's Page

By GEORGE W. HACKETT

## Exhibiting at W. P. C. Show

Before another issue of THE AMERICAN TURKEY JOURNAL is out, entries will have been made for the most important event that has ever taken place for the advancement of poultry in America and I venture the prediction that there will be no division of the show which will attract more attention and interest than the turkey classes.

Those contemplating entering turkeys in the competition classes will be confronted with perplexing problems in making selections to fill their entries, due to the time of the year and the probable condition of their birds. Some will have made special effort to moult their birds early to exhibit in their new plumage while others will endeavor to preserve the old plumage in best possible condition for an unseasonal exhibit. There will be disappointments in both undertakings, but shall expect to find old birds exhibited in both forms.

We have noted many experiments in forced moulting of all kinds of poultry but can recall no incident wherein the results were very satisfactory. There are so many things and so many conditions which affect moulting no one has yet found a definite answer to the problems involved. Turkey toms usually moult much earlier than the hens do and we believe it probable that most old toms will be shown in new feather even though considerably short of full development.

With the hens it will be more of a problem. At the early fairs, which occur nearly a month later than the Congress show, most of the old hens are exhibited in their old plumage, but the occasional exception illustrates what can be done. New plumage need not approach maturity to render the specimen more presentable and more attractive than when shown in old, faded plumage, but when in short feather the profile type does not show up to so good advantage. If old plumage is well preserved and not too much bleached by the sun it would be preferred to new plumage, which is too undeveloped to show quality of color or to properly display the bird's actual type in the coop. All this makes a real problem for the exhibitor in making his or her selections, but how about the judges who have all these intricate problems to appraise, in making their awards?

It is now planned that the judging is to begin the morning of July 27th and to be completed by noon of the 28th. To accomplish this will require the services of a number of judges if entries are what they are expected to be. The matter of condition of plumage is going to cut a big figure in making awards and it would seem important that the judges get together on this important phase before judging starts and agree on the extent to which certain plumage defects shall be penalized, so

as to make the judging as uniform as possible throughout the classes.

Personally, I believe the condition of plumage will have to be treated with liberality at that season of the year, if birds of the highest quality are to win. It should not be overlooked that the birds which top the awards at Cleveland will go far in setting the fashion and type for Standard Turkeys for years to come. The judges who place the awards on the turkey classes at the Congress show have a grave responsibility which is further complicated by the present situation relative to the "scale of points" published in the new Standard, which is discussed editorially in this issue.

But above all, I want to urge the breeders of standard turkeys to all do their bit to make the turkey exhibit at Cleveland surpass all expectations, feeling the importance of even the lowest placing there will justify the effort and expense of showing. The date limit on entries has been extended to July 1st and the entry fee has been reduced from \$4. to \$3. and both should help to increase the number of entries.



I anticipate that most breeders of high quality Bronze will be surprised to learn of the new disqualification provided for hens, in the new Standard, that for absence of black bands and white edging on backs. I have found the consensus of opinion to be right, generally, and am a firm believer that the will of the majority should prevail, but I do not believe this to be the case in connection with this disqualification.

There is no question but that the Standard should call for both the black band and the white edging on backs of hens, and we have already reached the time when they cannot often win in any show if they do not have the black bands, at least, but to make it a disqualification in their absence seems entirely beyond reason. Heavy penalty for these defects would be perfectly all right, yet there is no breeder of high-class Bronze in this country who cannot point to some of his most valuable breeding hens that have produced some of his very finest toms, which, under this rule, would be disqualified in the show and not worthy of a lowest grade band in A. P. A. turkey inspection. Perhaps this same hen had sufficient bands in her first year to justify winning top award in her class, while in her second year she finds herself the disqualified dam of another lot of top winners.

Is it any wonder that the so-called "utility" turkey breeder scoffs at "standard turkeys"? So far as I have noted, no report has been published of such a disqualification having been voted by the American Poultry Association. Those Bronze breeders who object to it should investigate.





## To Guard Your Flock Against CHOLERA and TYPHOID

### PREVENT TURKEY POX

Pox has become a serious disease in turkey flocks throughout the country. Guard against losses by vaccinating **your** flock with Dr. Salsbury's Fowl Pox Vaccine (either chicken strain or egg-propagated form). Both types are safe, sure and produce lasting immunity. May be used at same time you vaccinate with Dr. Salsbury's Mixed Bacterin.

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Dr. Salsbury's Mixed Bacterin (For Turkeys) is specially prepared under the careful supervision of expert bacteriologists. Thoroughly tested for purity and safety, it has proved dependably effective against the common bacterial diseases of turkeys, especially cholera and typhoid.

So take no chances! Guard your flock (and your future profits!) by vaccinating **now** with Dr. Salsbury's Mixed Bacterin (For Turkeys). It's easy to use — complete directions show you how to do the job yourself. See your local Dr. Salsbury dealer, or write to us for details and prices.

*Dr. Salsbury's*

# MIXED BACTERIN

**For TURKEYS**

**Dr. SALSBUURY'S LABORATORIES Charles City, Iowa**

## NOTES AND COMMENT

### Denver to Hold Show of National Importance

A letter from Judge P. M. Pierce, accompanied by a clipping from the Denver Post, announces progress in a state-wide setup, covering every phase of the Poultry industry, which is to culminate in a great Poultry Exposition to be held in Mammouth Gardens, Denver, Dec. 4-7 inclusive. Judge Pierce has been named as manager of the big show which assures due consideration for turkeys, one of Colorado's most important agricultural products.

Organization has recently been effected which includes six prominent Denver business men and four from outside localities, who are vitally interested in the industry and the show. The latter includes Prof. O. C. Ufford, of the Agricultural College at Fort Collins. Prof. Ufford will take a very active part in promoting the show and will have charge of publicity. There will be a department for dressed turkeys and chickens and for a great display of eggs. A cooking school will also be held in connection with the show. Further information will be published as developments warrant.

The officers and directors are: H. F. Rogers, Hungarian Mills, Denver, president; F. E. Woods, 2758 South Acoma, Englewood, secretary; G. L. Fouke, Hungarian Mills, Denver, treasurer; P. M. Pierce, Route 2, box 86, Denver, Denver manager.

Directors representing the various departments are:

*Chicken and Waterfowl*—R. M. Karnes, 808 Elizabeth, Fort Collins; R. M. Ellis, 1 E & C building, Denver.

*Turkey Breeders*—P. M. Pierce, Route 2, Box 86, Denver; William Van Syckle, 3110 South Ogden, Englewood.

*Commercial Turkey Growers*—E. C. Schreiner, Wheatridge; George Gaiser, Mount Morrison.

*Wild Game Birds*—A. A. Turner, 2051 South Marion, Denver; Paul Olson, 1540 Utica, Denver.

*Feed Manufacturers*—H. B. Brooks, Wheatridge; Paul Parmenter, 3265 Depew, Denver.

*Hatching Industry*—Fred Ticen, Lakewood; Paul C. Jamieson, 4433 South Delaware, Englewood.

*Egg Department*—C. O. Moser, Director of Markets Office, Denver.

*Publicity*—O. C. Ufford, Extension Poultryman, Fort Collins.

### Burton Plans Big Show at Texas State Fair

Word from Judge Burton states that he is now making plans for one of the best exhibits of turkeys they have ever had at this great State Fair, where turkeys always play an important part. The Fair is to be held the second

and third weeks in October, but the dates of the Turkey Show have not yet been set. More complete announcement will be made later.

### Lower Entry Fee for W. P. C. Show

It has been announced that the entry fee on turkeys and large poultry for the Congress show has been reduced from \$4 to \$3. The change will help materially to secure the desired entry, and since no cash prizes are offered it would seem that the lower fee should be ample with a margin to spare. If the same percentage of reduction would be made on the pageant specimen, which is now \$25 per pair, it would be more in line with the income of the average poultryman.

### New Turkey Book by Cline

A new book on turkey production has just come to our desk autographed by the author, Mr. L. E. Cline, University of Nevada. The 185 page book is a supplement to the author's book "Turkey Production" which is well known to leading turkey growers everywhere. This new book has been published for the purpose of bringing "Turkey Production" down to date and has accomplished its purpose in most commendable style.

The book is not for sale separately, but is included with every purchase of the original book, which contains 436 pages which, with this supplement, totals 618 pages with 183 illustrations. It presents the most complete and most practical treatise on turkey raising and management that has come to our attention. This late supplement has much valuable information on every phase of turkey marketing and the most comprehensive arrangement of tables on feeds, with their respective nutritive content, including the vitamins and their purposes. In fact, every phase of turkey production is brought down to date, with the Standard of Perfection as the basis of type which is nicely illustrated by pen drawing outlines.

Cline's first edition of "Turkey Production" came out in 1929, was revised in 1933, and is now brought down to date. Prof. Cline has been actively engaged in turkey extension and research work with the University of Nevada for many years and is regarded as one of the leading turkey authorities in the United States.

### CHARCOAL FOR TURKEYS

Occasionally there is some new and unusual idea brought to the turkey industry that seems to offer something unusual in better care for turkeys. The latest of these is the idea of utilizing wood charcoal in the ration as a preventive of indigestion and digestive troubles. This idea has been widely tested by turkey owners in a variety of manners over a period of years, and now comes a definite help, a new Free booklet on "Wood Charcoal in Poultry and Livestock Feeding," prepared by the Wood Charcoal Research Bureau, P. O. Box 389, Jacksonville, Fla. A copy is FREE for the asking.





# Dakota Maid Turkey Feeds are Starting Them Right!

On hundreds of turkey farms throughout the Northwest DAKOTA MAID Turkey Feeds are daily proving their ability to bring the newly-hatched poult from incubator to market with a minimum of loss and a maximum of profit. Only a feed carefully formulated by expert feed technicians and skillfully mixed and blended from the finest quality ingredients can do this. Check your feeding program NOW and see what these timely DAKOTA MAID Feeds can do for your 1939 flock.

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—to include Wheat Germ Oil in all turkey feeds, thus assuring a stable supply of Vitamin E, the anti-sterility and reproductive vitamin. Assures high egg production and fertility.

—to include Manganese Sulphate in all turkey feeds; the mineral which helps to avoid Perosis (slipped tendon) in fowl. Also aids in egg production and hatchability.

The most recent improvement is the addition of Lactoflavin to all DAKOTA MAID Turkey Feeds, the newest source of Vitamin B<sub>2</sub> from the milk group.

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### DAKOTA MAID TURKEY STARTER

Contains every ingredient needed by the delicate baby poult to get a good start in life. Vitamins, proteins and minerals carefully mixed and blended, offer a ration that produces strong, healthy young turkeys. The first goal on the road to Fall profits! Feed from hatching to the 7th week.

### DAKOTA MAID TURKEY GROWER

A real growing feed for turkeys. Start feeding at about the 7th week and watch them take to it! Contains every vital ingredient needed to make steady, rapid growth, produces a disease-resisting bird with strong bones and tissue, ready for the final Fall finishing just before market.

### DAKOTA MAID GRAIN BALANCER

For the grower who wants to use his farm-grown grains in his feeding program. DAKOTA MAID Grain Balancer supplies all the important ration requirements missing when grain alone is fed. Contains essential amino acids which aid the bird in digesting and assimilating the fullest benefits from the grains. Supplies vitamins, proteins and minerals, and when combined with your farm-grown grains gives an efficient and low cost feed.

Write for Free Circulars on Feeding Dakota Maid Feeds

## STATE MILL & ELEVATOR Commercial Feeds Division

Grand Forks, North Dakota

## Powdered Tobacco Method Of Controlling Blackhead

**Editor's Note:** The following article, reprinted from Cline's new supplement to "Turkey Production," mentioned elsewhere in this issue, will answer the question frequently asked as to the value of the tobacco treatment to prevent blackhead. The reader will note that it is recommended as a preventive and not as a cure for blackhead.

There has been considerable argument as to the value of the tobacco treatment, but our observations and experience uphold its use and when Prof Cline recommends it, it strengthens our faith in its merits. However, it should be used as here recommended to get best results.

"Nicotine sulphate, the active agent in tobacco, is useful in eliminating cecum worms. The crude product in the form of powdered tobacco, carrying a guaranteed nicotine content of 1½ percent to 2 percent, is easy and safe to use, and very inexpensive. Other vermifuges for removing cecum worms will also answer the purpose if properly used.

"The treatment should begin with young birds 3 to 4 weeks old. It is as follows: Add 2 pounds of powdered tobacco to each 100 pounds of starting mash. This tobacco can be purchased from your feed or poultry supply dealer. Use only fresh products and those that are kept in sealed containers. Feed the tobacco and feed mixture exclusively, except for the usual supply of green feed, water, or milk, 2 full days for each treatment. On the morning of the third day give the flock a physic consisting of water or milk with 1 pound of epsom salts to each 5 gallons. Force the birds to drink the salts solution for about 2 hours. This concludes the treatment, after which the turkeys are returned to their regular ration of fresh water or milk.

"The above treatment should be repeated once each month until the turkeys are at least 4 or 5 months of age. Turkeys 3 or more months of age may be given tobacco mixture in amounts up to 3 or 4 percent of the feed and kept on the salts solution 3 to 4 hours each time, instead of 2 hours as suggested for smaller turkeys.

"While the young birds are being purged, and during the entire day following the purge, precaution should be taken to keep the young birds warm to prevent chilling and piling up. Immediately following the treatment, all pens and houses should be thoroughly cleaned to minimize reinfection. This treatment does not destroy the infection, but provides a means of eliminating the organisms from the bird's intestinal tract. In severe cases of blackhead in commercial flocks it is especially advantageous to take the entire flock to new, clean quarters, preferably a green pasture, after each treatment, to avoid reinfection.

"The moving of turkeys to entirely new quarters every week or ten days will help greatly to prevent reinfection. There is very little value to treatment if the turkeys are allowed access to infected premises.

"Turkey poults should be kept away from the old poultry feeding grounds while they are being brooded. Many cases of blackhead start at this time. Attendants going from old poultry yards, where blackhead has been present, to clean brooder houses and clean yards can quickly spread the disease. Dirty feed or water troughs or blowing dust or litter may also serve to spread the disease."

From "TURKEY PRODUCTION" by L. E. Cline.

### All-American Picnic July 9

According to an announcement by Mrs. Ole Nelson, president of the All-American Turkey Hen club, the annual picnic of the organization will take place at Riverside Park, Grand Forks, N. Dak., Sunday, July 9, 1939.

This annual summer meeting is open to everyone interested in turkeys, or allied lines, and a most enjoyable time is promised all who attend.

The event is held in beautiful Riverside Park at Grand Forks and ample facilities for swimming and other sports are available close at hand. Come and spend the day and talk turkey.

W. W. Blain, All-American secretary, will be in charge of arrangements at Grand Forks.

### FEED MANUFACTURERS STAGE BIG DISPLAY AT W. P. C.

One of the outstanding exhibits in Industry Hall at the 7th World's Poultry Congress and Exposition in Cleveland, July 28th to August 7th, will be that of the American Feed Manufacturers Association.

This huge display occupying a section fifty feet long, will consist of an extensive panorama depicting a cross section of the United States. Winding over the hills and valleys, through countryside and town, a modern railroad system will be operated. Miniature trains operating over this system will picture the gathering of raw materials, their transportation to milling centers—and then the distribution of modern feeds.

Thus by action will be told the story of a great industry, its methods and the advantages it brings, first to the farmer as the producer of raw materials—then to the poultryman in making available to him modern rations and the more profitable returns he will gain through their use.



## A. P. A. Convention at Cleveland

The American Poultry Association Annual Convention will be held in Cleveland, Ohio, at the Hotel Hollenden during the 7th World's Poultry Congress.

There will not be an extensive program this year. The sessions will be restricted to business only. The opening session will be the Executive Board meeting July 28 at 3 p. m. The Convention proper will open at 9 a. m., July 29, and will hold sessions each day at 9 a. m. until noon until all business is transacted. The afternoons and evenings will be left open so that the members may visit and attend all the World's Poultry Congress sessions. Saturday evening at 6:30 p. m. the annual banquet will be held. Arrangements for this banquet are in the hands of the Judges' Section of the American Poultry Association.

The American Poultry Association members can receive reservations at the Hotel Hollenden by making application as members of the Association. We are assured that our members will be taken care of even though the crowd will be enormous.

HARRY ATKINS, *President*  
3030 Brady Street  
Davenport, Iowa.

## W. P. C. PLAQUES

Every exhibitor entering birds in the Live Bird Competitive Show at the World's Poultry Congress will receive a bronze Award of Merit. This award will be in the form of a plaque that can stand on a desk or be hung on a wall.

The Premium List for the Live Bird Show is now ready—giving full rules and instructions for the show. This list shows the list of entry fees as recently reduced for entries filed prior to July 1st. These entry fees are as follows:

On chickens, ducks, geese, turkeys, guineas and pea fowl, the single bird fee is \$3.00; on bantams it is \$2.00. For trios, the fees will



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**Kills** Lice  
Ants  
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### SANITARY POULTRY WATERER ATTACHMENT

Converts ordinary steel barrel into a sanitary, positive and practical turkey range waterer.

Write for prices and descriptive circular.

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## WOOD CHARCOAL Balances Turkey Feed

Authoritative experiments have proven wood charcoal to be a valuable constituent of a balanced turkey ration.

Added in correct proportion wood charcoal tends to aid in the proper functioning of the intestinal tract which is so necessary in maintaining health and promoting growth.

It is easy to feed and the turkeys seem to relish it.

We will be glad to send, without charge, further information contained in our new literature "Wood Charcoal in Livestock and Poultry Feeding." It isn't the cost of feeding Wood Charcoal to Turkeys that counts — it is the cost of NOT feeding it.

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## SLOAN'S BLUE SLATE TURKEYS

Are the Ideal Market Type

Their complete winnings at the 1938 State Fair of Texas is proof of their size, color and type.

Can furnish eggs from four unrelated pens.

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## PRICE'S WHITE HOLLANDS

Offer Eggs and Poult from a Special Mating Pen of my BEST in meat type and exhibition qualities combined.

EGGS \$2.00 POULTS \$3.00

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## JOHNSON'S BRONZECROFT BRONZE

"The Acme of Quality"

Best for both Market and Exhibition, proved by our winnings. Will spare a limited number of Poults from both Flock and Pen Matings at Bargain Prices.

Write for descriptive circular on matings and for special quotations on poults.

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be: chickens, \$6.00; bantams, \$4.00. On entries filed after July 1st the fees will be increased \$1.00 on large fowls and 50c on bantams.

No cash awards will be made at this show, but a long list of fine trophies, cups and ribbons has been prepared. There will be many special awards donated by the World's Poultry Congress and by the many specialty clubs.

Birds entered in the show must be cooped and in place before 9:00 A. M. on July 26th. Judging will be completed and all awards placed before the Congress officially opens on July 28th. Champion birds from the different sections of the show will be moved to a special Court of Honor at the center of the Hall of Live Poultry.

The official Premium List and entry blanks may be obtained by writing Mr. Harry Atkins, Chairman, 3030 Brady Street, Davenport, Iowa.

### IOWA POULT SHOW AWARDS

**Grand Sweepstake:** Warren Johnson Turkey Farm, Nottingham, Pa.

**Reserve Grand Sweepstake:** A. H. Ward, Independence, Iowa.

**Bronze Poults:** A. H. Ward, 1-2; Claude Goff, Oakland, Ore., 3rd; Law's Turkey Farm, Mount Carroll, Ill., 4th.

**Narragansett Poults:** Claude Goff, 1st.

**Bourbon Reds:** Boeman Turkey Farm, Kempton, Ill., 1-3; Longview Turkey Farm, 2nd.

**White Holland:** Warren Johnson Turkey Farm, Nottingham, Pa., 1-2; Modern Turkey Farm, Yoakum, Texas, 3rd.

**Blacks:** Homer Grismore, Corydon, Iowa, 1st; Jamesway Hatchery, Belpre, Kans., 2nd.

**Distance Trophy:** Claude Goff, Oakland, Oregon.

### IOWA STATE FAIR TURKEYS

Mr. Harry Atkins, superintendent of Poultry, Iowa State Fair, advises us that it is his desire to build up a creditable turkey exhibit at this big fall poultry show that will be in keeping with the progress and importance the turkey industry has become in that state. He states that they have 200 of the latest and best type turkey coops obtainable and that he hopes to fill them with turkeys at the coming fair, August 23rd to Sept. 1st.

Five liberal cash prizes, beginning at \$4 for first, are offered in each of the six classes, and in addition banners are offered on sweepstakes awards. Also for dressed turkeys, very liberal cash prizes are offered. Breeders and growers in Iowa and adjoining states should take advantage of this opportunity to exhibit and to win in this important turkey growing center. For premium list and further information, write Mr. Harry Atkins, 3030 Brady St., Davenport, Iowa.

### FOR BEGINNERS & OTHERS

#### Putting the Poults Out on Range

June should find most of this year's crop of poults out on the range. Different growers use different methods of management in this phase of the work but with equal success. Some continue with the confinement or semi-confinement plan, by frequently moving the brooder house and gradually increasing the

size of pens while the poults are yet quite small.

Others keep the poults in close confinement or on wire sun porches until about eight weeks of age, then put them out on open range or confined in rather spacious fenced runs. Generally, the plan to be used will adjust itself to the size of range to be employed and the number of poults to be raised. Poults that have been brooded in confinement will not range far from their feeders or from the shelter sheds which should always be regarded as an essential to turkey raising. As poults grow older outside roosts should be provided nearby, or attached to the shelter houses.

A very satisfactory plan is to place roosts above the roof of shelters. All field equipment should be built on skids or wheels so as to be readily movable. Where poults are to be pastured on alfalfa or rape the shelter sheds need not be moved often but feeders and waterers should be advanced as the crop is "harvested." But where shelters are allowed to remain in one location for considerable time the droppings should be removed frequently so vegetation will not be severely damaged.

#### Roosts, Feeders, Waterers

The importance of providing ample roost space, feeding space and plenty of waterers cannot be over-stressed. Poults develop so rapidly these things are likely to be overlooked. Roosts should never be less than 20 inches apart for poults on range and increased to a distance of 30 inches before reaching market size. Observe the poults when on roosts at night and see to it that they do not become too crowded. Don't place roosts too low. Turkeys like to roost high and there will be less danger from "night flights" where roosts are higher than usual. Four feet from the ground should be the lowest and six feet up would be better. We find too many flocks far too short of feeder space. There are times when nearly all the turkeys in the flock will want to eat at the same time and they should not be crowded or best results cannot be secured. Plenty of space all around is important.

#### Vaccinating

Shall we or shall we not vaccinate? is a question in the minds of most turkey raisers at this time of the year. The answer to this question would not be unanimous among experienced breeders, but from those who have been in trouble and have found the answer through vaccination an affirmative reply would be most assured. There are differences in vaccines and in conditions which render uniform results impossible, yet we find few who have practiced vaccinating who will take the risk of not doing it.

It is true that there are successful turkey growers who have never vaccinated their birds and have had very little trouble, while many others have avoided serious losses and corrected trouble through vaccination. The fact that those who have used this method seldom dispense with it, even where flocks run into thousands, is significant of its value.

As regards the kind of vaccine to be used and the time to use it, we suggest that the instructions of laboratories and manufacturers be asked for and followed.

### Poult Weights and Weight Increases

Vigorous, well hatched poults should weigh from 12 to 14 pounds per 100 poults when taken from the incubator. At the end of two weeks the gain in weight should exceed 100 percent. At six weeks of age poults should average 1½ lbs. or more, depending on the percentage of males to females. At eight weeks of age poults should weigh from 2 to 2½ pounds each and at 12 weeks the average should reach 5 lbs. or better.

The beginner will find it very interesting to weigh certain marked poults at frequent intervals to note gains made. If the foregoing rate is not attained he may know that best possible gains are not being achieved. If continued rapid growth is not maintained during the early periods of the poult's life, best results and best profits cannot be obtained.

Poults require a higher percent protein content in their ration than chicks do, but this is usually provided in right proportion in standard commercial feeds. Abundance of succulent green feed helps the poults to make better use of their grain feeds. As the turks grow older less gain is made in proportion to feed consumed and the longer they must be held to get them ready for market, the less the profit. They should be ready for market at from 24 to 26 weeks of age.

## ALL-AMERICAN BRONZE TURKEY CLUB

Axel Hanson, President . . . Minneapolis  
Mrs. W. J. Janda, Sec'y. . . St. Hilaire, Minn.  
**WHO'S WHO**

Mrs. Wm. Wright, Wheeling, W. Va., sent in her club dues and states that she has increased her turkey flock 100% this spring, having ordered 200 poults. She is raising her turkeys the Dr. Billings way. Only she will use sun porches instead of small pens at first. The Wrights will be at Cleveland for the W. P. C., so let's plan on meeting you there.

Roy Utne, Ortley, S. Dak., writes that the

demand for hatching eggs has far surpassed any other year.

This does not relate to turkeys, but never-

**WIRE  
FABRICS**

for POULTRYMEN  
Parts for Batteries  
Low Prices. Free Catalog

**BUSSEY PEN  
PRODUCTS CO.**  
5151 West 68th Street,  
CHICAGO, ILL.

## TANNER'S DAKOTA BRONZE

Won at 1938 Northern States Show:  
1-4 Young Tom; 5th Adult Tom; 2nd  
Yearling Hen; 3rd Adult Hen, in hot  
competition.

Booking Egg Orders from my special  
matings. A. P. A. Banded and Blood  
Tested.

**HOWARD TANNER**

Gettysburg

South Dakota

## SILVER NARRAGANSETTS EBONY BLACKS

Have won Champion Black at 1935-36-37  
All-American Shows. Can furnish high  
grade breeding birds or exhibition stock.

A. P. A. INSPECTED.  
Correspondence Invited.

**OAKDALE FARM**

Mr. & Mrs. Ole Nelson, Kensington, Minn.

## HONSSINGER BOURBONS

World Famous Prize Winning Strains

### PRICED FOR QUICK SALE

A few very fine young toms for  
sale. Best Blood Lines. Extra  
good color and well marked.  
Weight 25 lbs. and up. Price  
\$10.00 and up. A few late  
hatched 20 lb. toms at \$8.00.

## GLADYS HONSSINGER

Lebanon

Missouri

## PEDIGREE BREEDING PAYS

*We Have the Market Type That the Consumer Wants*



Our 13 years of trapnesting have produced results.  
Our stock is also bred for rapid growth, early maturity,  
and standard weight.

**A Nice Lot of A. P. A. Inspected  
Breeding Birds.**

**POULTS & EGGS IN SEASON**

*Wright's Bronze Lead the Way*

**WRIGHT'S TURKEY FARM**

**Aitkin, Minnesota**



theless I am sure you will all be interested to know that the Land O'Lakes plant at Thief River Falls, our county seat, received a message from Burns & Co., large meat and poultry firm in Winnipeg, calling on the plant to furnish one dozen roasting chickens for the Royal dining car which transported the British King and Queen to Winnipeg May 24. The order specified that the birds must average six pounds and must be "absolutely choicest quality." So after all, Minnesota does raise poultry "fit for a King."

I have had no success in my appeal for raising funds to finance the turkey theme exhibit at the W. P. C., but it's not too late yet. When this issue comes out, there will still be six weeks until the W. P. C., so let's get together. We want to stress the turkey industry as much as possible and this will be a fine way to advertise to the whole world that turkeys are the tops of all poultry.

Anyone having turkeys in condition to show should show them at the W. P. C. I am appealing to all growers of Bronze, whether you are a member of our club or not. We want our beautiful breed to lead, as usual. Our club is offering three trophies. One each for champion Bronze male and female and one for best display of Bronze. This is open to all Bronze exhibitors. We are also sponsoring the pair of Bronze that will be shown in the Pageant of Poultry.

I am appealing to all old club members to remit their dues and we would appreciate many more new members. Let us make this a banner club year.

I am planning on being at the W. P. C. if possible and shall be pleased to meet many of you there.

MRS. W. J. JANDA, Sec'y.

### North Dakota Turkey Improvement Association

Mrs. Frank Zimmerman, Anamoose, spent one day last week with us. She says her turkeys are doing fine. Her hens have averaged twenty-nine eggs apiece and are all setting. She had a few poults hatched but being the earliest eggs did not get as many as she hopes to get from the rest.

Our poults are doing very well. At present we have well over 500 and hope to have as many as last year. Our fertility is very good but the hatchability is lower than last year's average; however, we cannot complain. Sales of eggs exceeded all expectations. We were sorry not to be able to supply the demand this spring. More people are going into the turkey industry on a larger scale this year. I have had reports of several breeders here in our own county who

are planning on a thousand or more poults whereas a year or two ago they had none.

We have had the pleasure during the past month of visits from several Canadian turkey producers, among whom were Mr. and Mrs. Agarand, Holland, Man.; and Mr. and Mrs. C. S. Thomas, Hartney, Man. These folks are turkey enthusiasts and are doing their bit by boosting their favorite turkeys at the Canadian shows.

I want to take this opportunity of thanking our many turkey raising friends who sent letters and cards to me while I was in the hospital. Our daughter, Phoebe Beryl, is a nice, big baby and hopes she will have the pleasure of meeting all of you at the North Dakota Turkey Picnic in June.

Notices of reunions, fairs, and picnics are coming through the mails. Don't forget the Turkey Improvement picnic to which all producers of turkeys in the State are invited. This is an annual picnic and get-together of turkey folks. We meet again this year in the Pioneer Bowl of the Fair Grounds where plenty shade and shelter is provided by the Fair Grounds management. Bring your basket of lunch and make a day of it. We will look for all of you there.

## NARRAGANSETT CLUB NOTES

Time is fleeting, and before we know it, the Seventh World Poultry Congress will be in full swing. By the letters I receive from time to time it is quite evident that the committees in charge are hard at work doing their utmost to make this a grand exposition.

I have felt right along that our club has not been doing its full share to make the Narragansett section at the fair what it really should be. We have promised to contribute ribbons and but one trophy, while some of the other breed clubs have offered more.

One feature of the exposition will be the Pageant of Poultry. There will be a non-competitive division in which a pair of each breed and variety of domestic land and water fowl bred in this country will be exhibited. Our club has been asked to sponsor and finance a pair of Narragansetts in this Pageant of Poultry. This is a wonderful opportunity for us to show the world what a grand bird we are raising so I feel it would be a shame not to grasp this chance when we have it. The fee for this would be \$25.00. I am asking each and every one of you to help in securing this sum. If you are unable to secure any new members, send in a contribution so we can do our bit toward giving the Narragansett breed the predominance which it rightly deserves. Let me hear from every

### GRANT'S WINNING BRONZE

Superfine for meat type. Have great show winning records. This year finer than ever. Health and vigor unsurpassed. A grand lot of A.P.A. Inspected and Banded Toms and Hens at low prices. Come and see them.

MRS. WILHELMINE GRANT  
Glyndon, Minn.

### GILBERTSON'S NARRAGANSETTS "Better Than Ever"

A. P. A. Inspected and ready to head Breeding Pens and Flocks.  
Won 1-4 Yearling Tom, 2nd Adult Tom, 3-5 Adult Hen, 1st Old Pen, 2-5 Young Pen, 2nd Best Display, and many other awards at 1937 All-American.

GEORGE GILBERTSON  
Garfield, Minnesota



one of you this coming month. All memberships or contributions will be mentioned in our next month's club notes.

This month I was pleased to receive a letter from Mrs. E. E. Justesen of St. Paul, Nebr. She is a breeder of high quality Narragansetts. Her birds have been winning high awards in several shows in her locality. Mrs. Justesen wishes to join our club and I have just sent her one of our membership blanks so I expect to hear more from her in the near future.

Some breeders report real good hatches this year and others quite poor. Many people have been unable to secure as many poults as they would like to obtain, so it may be there will not be the over-production of turkeys this year that was anticipated earlier in the season. I received a letter from a field man in California this past month and he states he is quite sure California will not market any more turkeys this year than last, due to the shorter laying season, and also brooding losses.

MRS. OLE C. NELSON.

## NATIONAL BOURBON RED CLUB NOTES

Mr. Cecil Laughman, Dunraven, N. Y., president of our club, sends in the following letter: "Preparations for the turkey theme exhibit are already beginning to take shape. Advance predictions say this is a real boost for the turkey industry. I have heard from several of you Red breeders and I must confess many of you don't seem to see the benefits to be derived.

"I feel we have a breed of turkeys that will hold their own with the other breeds, so why not push them to the front, where they belong, at the World's Poultry Congress?

We need more funds in order to accomplish this, so mail your contribution to Mrs. Snyder at once, as I feel it is the duty of all Bourbon Red breeders to support this cause.

From Mrs. Anna Button, Glasgow, Ky.: "I am wondering if you have succeeded in raising our share of the fund to sponsor the Bourbon Red club and breed at W. P. C., and am sending my share toward the fund with the hope that you have been successful and if there is anything else I can do to help you in getting up this fund, I will be glad to do it. Bourbon Reds are truly a wonderful breed of turkeys and speak for themselves wherever they are shown, and it will be terrible if our club does not send its share toward boosting both Bourbons and the club. I am well aware of the fact that you cannot do the work without the support of all members. The wet, cold, rainy season here has delayed production in all breeds of turkeys, but eggs have real good fertility and are hatching well under favorable hatching conditions.

"I have not been able to fill all orders for

## MAAG'S FAMOUS QUICK MATURING BOURBON REDS

Vigorous, Excellent Market Type  
May 25th to 30th.....400 poults  
June 15th to 30th.....1000 poults  
400 July poults open for booking.

**ORDER NOW**  
from bloodtested, rigidly culled stock.

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## VALLEY VIEW BRONZE

In this ideal Ozarks climate, our turkeys have been bred for years for best meat qualities and standard color. A. P. A. Inspected and banded. Placed twelve birds at 1939 All-American, five at American Royal and ten at Texas State Fair, in strong competition. Can supply eggs from special matings at reasonable prices.

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## CHAMPION

Ohio State Fair, Boston, New York City, and Pennsylvania Farm Show.

Can furnish Narragansett and White Holland Poults and Eggs as early as April.

**EDNA & MAUDE SHECKLER**  
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## SWANSON'S QUALITY BRONZE

Bred for market type and exhibition quality • Excelling in egg production and livability of poults • Breeding stock blood tested under state supervision.

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## — CLARA FERO —

BOURBON RED AND NARRAGANSETT

World Champion Bourbon Reds backed by 24 years of experience in breeding.

**EGGS & POULTS FOR SALE**

**Clover Valley Turkey Farm**  
WHITEWATER, WISCONSIN

## SWANBERG'S BRONZE

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## PAYNE'S NARRAGANSETTS

win Master Breeder Award, Reserve Grand Champion, Breed Champion and 6 First Placings at the 1939 All-American.

Let us help you improve your flock with Breeders or Eggs.

**Mr. and Mrs. Albert Payne**  
Towner, North Dakota

eggs so far, and many other breeders throughout the state report the same."

The following is the letter from Mr. King Kohl, Cleveland, Ohio, a copy of which was mailed out to Bourbon breeders and Bourbon club members: "Here is my check for \$5.00 as a donation for the N. B. R. Turkey Club. If you can get 19 more to give \$5 each, I will donate another \$5.00 to our Red Club. And, I'll give another \$5.00 if you get \$100 together."

Thank you very much, Mr. Kohl, for your suggestion and a copy of your letter was mailed quite some time ago.

Here are the names of the breeders who have

contributed: Mr. Cecil Laughman, Dunraven, N. Y., \$5.00; Mrs. E. J. Simonson, Mystic, Conn., \$5.00; Mrs. Anna Button, Glasgow, Ky., \$5.00; Mrs. Emma Snyder, Perrysburg, Ohio, \$5.00; Mr. Wm. L. Yancey, Harrisonburg, Va., \$2.00; Misses Lydia and Gladys Dye, Mullinville, Kansas, \$1.00; Land Bros. Turkey Farm, Elmstead, Ont., Canada, \$3.00.

Now, Bourbon breeders, the time will be very short to contribute toward this fund, so if any of you wish to contribute, we will appreciate any amount to help boost our club's share.

Since we have mailed each breeder a copy of Mr. Kohl's letter, we feel we have done our part, and will look for the last minute rush of contributions.

Remember to send club notes, as we do not like to think of a vacant space in the club section. We also want to thank these folks that have helped, in contributing toward this W. P. C.

MRS. EMMA SNYDER.

## WOLFE FARM BRONZE TURKEYS

Winners at American-Royal,  
Denver and Lamar shows.

BREEDING TOMS, AND EGGS

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Master Breeder's Award, Champion Young Hen of Show, Champion Black, Best Display Blacks, at 1938 All-American. Grand Champion of Texas Centennial, 1936.

Utility and exhibition stock for sale.  
Eggs in Season. Properly mated trilos.

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## GOLD COIN BRONZE TURKEYS

Bred from prize winners of leading shows  
for years. 35 years select breeding.

EGGS & POULTS

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## FINE TYPE?

Yes... but fine production along with it.  
That's what we all want.

And that's just what we offer in our P H L BRONZE Turkeys. Write for particulars about breeding stock, hatching eggs and poults from this pedigreed stock, beginning with January.

BROADWAY TURKEY FARM

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## SADIE'S BOURBON BEAUTIES

Produced through years of intensive,  
selective breeding. The trap-nest does  
tell the story most quickly.

UTILITY.....\$20.00 per 100  
EGGS, CHOICE.....\$25.00 per 100  
MAY 15 SPECIAL.....75c each  
CHAMPION.....\$1.25 each

Bred, Reared and Owned by

SADIE B. CALDWELL

BROUGHTON

KANSAS

## NATIONAL BLACK TURKEY CLUB

Less than two months until the World's Poultry Congress! Most everyone I have heard from would like to attend. Would like to hear from all the members within the next two weeks, so that we may make definite plans for our club meeting if enough members want the meeting and plan to attend.

Received a very interesting letter from Mr. Charles W. Wampler, Harrisonburg, Va., our only member from that state. He writes: 'We will grow about 10,000 turkeys on our own farm and put out between 90,000 and 100,000 on shares to other farmers in this section. We have been trying the Black turkeys in a rather small way for some years and this year kept 400 hens. We put out during April about 7,000 Black poults and will hatch 7,000 to 8,000 more this season. We find that the Blacks are quick to mature, good layers, with high hatchability, and bring top market price in the fall.'

Next season we will have a man to devote his entire time to trapnesting and breeding work and will have several Black pens trapped."

Mr. Wampler is chairman of the Turkey Committee for the World's Poultry Congress and was first to offer a contribution of \$50 through the Black club for the Congress.

Our vice-president, Mrs. Teelin of Blossvale, N. Y., writes that they have been getting very good hatches; the hens are still laying good and the fertility is fine. They are planning to attend the Congress and also show two Black hens. Sure glad to hear that, Mr. Teelin. Mr. Teelin also enclosed a check for \$5 toward the turkey exhibit at the World's Poultry Congress, and sends his best regards to all the turkey people.

Mr. D. V. Bauserman, the Michigan representative of the McMillen Feed Co., called the other day, and although Mr. Bauserman doesn't raise turkeys, we appreciate his contribution of \$25, and the interest he has shown in our club and our favorite turkey.

Following are the members who have made contributions for the Congress: Mr. Chas. W. Wampler, Harrisonburg, Va., \$50; Mr. D. V. Bauserman, Kalamazoo, Mich., \$25; Mr. W. W. Teelin, Blossvale, N. Y., \$5; Mrs. Walter Ham-



mond, Hastings, Mich., \$5; Mrs. W. T. Hall, Denton, Texas, \$5.

Undoubtedly there will be more next month, as I haven't heard from all whom I have written.

I know everyone is as busy as can be and just don't have any spare time, but when you can find a few minutes drop me a line about your turkeys. We have 1100 little ones (most of them roosting).

MRS. WALTER HAMMOND.

## AMERICAN-ROYAL TURKEY CLUB NOTES

Well, Folks: Once more it's the good old summer time, and just had a couple of good rains to break our Kansas drouth. Been mighty good weather to start poults; they climb right up on the roosts so much more readily this nice weather.

And speaking of summer time—now it's warm enough to go without socks we'll be able to save enough from that corner of the budget. I hope, to pay our '38 club dues of \$1.00 per year. Some have, of course, but most of us haven't. Now that it's time to line up on this fall's premium list, we really need to attend to this matter, for the Club's premiums depend entirely upon memberships paid. We hope to be able to make a wider spread than ever of well worth-while premiums given by the Club itself. I might also mention that we are donating a lovely and valuable premium for the World's Poultry Congress, to be won by highest merit.

The Freeman's report good hatches from their new electric incubator, and best livability ever. They are doing a good bit of custom hatching as well as selling all surplus poults of their own flock, and planning to raise their usual size flock.

It will soon be time to think seriously of going to Cleveland—or rather, we've been doing that quite some time—and it's almost time now where those plans can materialize, to (with apologies to Elsie Wolfe) change our socks, climb in the car and go.

It's quite a long, expensive trip from Kansas but our Club premium is placed to be won by a member, so that will be one good incentive to help along. Hope a number of us will find it possible to meet there. It surely will be very worth while—once we make the grade.

And as I write, I have had for several days some very lovely and rare Iris, the first blooms from plants received last season from Judge Smiley's gardens, and from the Sass Bros., the latter coming as a token of deep friendship to our mutual friend. They are a most pleasant reminder of a most pleasant friendship with Judge Smiley.

SADIE B. CALDWELL.

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MAMMOTH BRONZE TURKEY POULTS. Highest quality Minn. & U. S. approved. Hatches June 2-5—33c, June 9-12—32c; 5c each with order and balance before shipment. 100% live delivery guaranteed. Postage prepaid. Fremont Albers, Dundas, Minn.

FINEST BABY BEEF BRONZE and BLACKS. Also Reds, Whites, Narragansetts. Blood-tested, wormed, vaccinated. Toms \$7.50; hens \$5.50. Eggs and poults in season. Also 50 varieties chicks. Beautiful catalog free.—Berry's Farm, Route 11, Clarinda, Iowa.

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BLACK SPANISH TURKEY POULTS: FINE livability, faster maturity, highest market prices. Our Black Spanish Turkeys were selected for holiday dinners on the Steamship Normandy. For price lists and information, write Iowa Master Breeders, Inc., Dept. 115, Onawa, Iowa.

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NARRAGANSETTS. A FINE LOT OF TOMS sired by winners of the leading shows. Grand Champion dressed at 1938 Northern States Show. Eggs in season.—Jim Martinson, Kensington, Minnesota.

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